

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 150026.457C1	APPLICATION NO. 10/091,877
MAY 13 2002 <i>Patent Office Information Disclosure Statement (If more space is necessary, attach additional sheets if necessary)</i>				APPLICANTS Philip T. Feldsine et al.	
				FILING DATE March 5, 2002	GROUP ART UNIT Not Yet Assigned 1648

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Wu</i>	AA	5,415,997	05/16/95	Atrache et al.	435	7.35	
<i>Wu</i>	AB	5,726,062	03/10/98	Numa et al.	436	86	
<i>Wu</i>	AC	5,807,694	09/15/98	Zawistowki	435	7.35	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
<i>Wu</i>	AD	WO 92/02820	02/20/92	WIPO	RECEIVED	
<i>Wu</i>	AE	WO 95/30903	11/16/95	WIPO	COPY OF PAPERS ORIGINALLY FILED	MAY 15 2002
<i>Wu</i>	AF	WO 98/22824	05/28/98	WIPO		TECH CENTER 1600/2900
<i>Wu</i>	AG	WO 98/27432	06/25/98	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Wu</i>	AH	Bentley and Klebba, "Effect of Lipopolysaccharide Structure on Reactivity of Antiporin Monoclonal Antibodies with the Bacterial Cell Surface," <i>Journal of Bacteriology</i> 170(3): 1063-1068, 1988.
	AI	Bollag et al., <i>Protein Methods</i> , Wiley-Liss Inc., New York, 1996, pp. 42-49.
	AJ	Kastowsky et al., "Molecular Modelling of the Three-Dimensional Structure and Conformational Flexibility of Bacterial Lipopolysaccharide," <i>Journal of Bacteriology</i> 174(14):4798-4806, 1992.
	AK	Luk et al., "Epitope Mapping of Four Monoclonal Antibodies Recognizing the Hexose Core Domain of <i>Salmonella</i> Lipopolysaccharide," <i>The Journal of Biological Chemistry</i> 266(34):23215-2325, 1991.
	AL	Mansfield et al., "Variation in <i>Salmonella</i> core lipopolysaccharide as detected by the monoclonal antibody M105," <i>Letter in Applied Microbiology</i> 23:104-106, 1996.
	AM	Marino et al., "Energy Dependence of Lipopolysaccharide Translocation in <i>Salmonella typhimurium</i> ," <i>The Journal of Biological Chemistry</i> 260(28):14965-14970, 1985.
<i>Wu</i>	AN	Marino et al., "Energy Dependence of O-Antigen Synthesis in <i>Salmonella typhimurium</i> ," <i>Journal of Bacteriology</i> 173(10):3128-3133, 1991.

EXAMINER	<i>Wu</i>	DATE CONSIDERED	<i>9/4/03</i>
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FORM PTO-1449
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAT&T DOCKET NO.
150026.457C1APPLICATION NO.
10/091,877INFORMATION DISCLOSURE STATEMENT
(If additional sheets if necessary)APPLICANTS
Philip T. Feldsine et al.MAY 15
2002FILING DATE
March 5, 2002GROUP ART UNIT
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

W	BA	McGrath and Osborn, "Evidence for Energy-Dependent Transposition of Core Lipopolysaccharide Across the Inner Membrane of <i>Salmonella typhimurium</i> ," <i>Journal of Bacteriology</i> 173(10):3134-3137, 1991.
	BB	Nakano et al., "Effect of protonophore on growth of E. Coli.," <i>Journal of Basic Microbiology</i> 3: 163-169, 1989.
	BC	Ohyama et al., "Osmotic Adaption of <i>Escherichia coli</i> with a Negligeable Proton Motive Force in the Presence of Carbonyl Cyanide m-Chlorophenylhydrazone," <i>Journal of Bacteriology</i> 174(9): 2922-2928, 1992.
	BD	Peleg et al., "Effects of salts and ionophores on proline transport in moderately halophilic halotolerant bacterium," <i>Biochimica et Biophysica Acta</i> 596: 118-128, 1998.
	BE	Pollack et al., "Specificity and Cross-Reactivity of Monoclonal Antibodies Reactive with the Core and Lipid A Regions of Bacterial Lipopolysaccharide," <i>The Journal of Infectious Diseases</i> 159(2):168-188, 1989.
	BF	Raetz, "Biochemistry of Endotoxins," <i>Annu. Rev. Biochem.</i> 59:129-170, 1990.
	BG	Raetz, <i>Escherichia Coli and Salmonella</i> , Second Edition, Volume I, ASM Press, Washington, D.C., 1996, pp. 1035-1063.
	BH	Rodionov and Ishiguro, "Inhibition of Peptidoglycan Hydrolase Activity <i>in Vivo</i> and <i>in Vitro</i> by Energy Uncouplers in <i>Escherichia coli</i> ," <i>Microbial Drug Resistance</i> 2(1): 131-134, 1996.
	BI	Rosson et al., "Use of poisons in determination of microbial manganese binding rates in seawater," <i>Applied Environmental Microbiology</i> 47: 740-745, 1984.
	BJ	Tsang et al., "A Murine Monoclonal Antibody Specific for the Outer Core Oligosaccharide of <i>Salmonella</i> Lipopolysaccharide," <i>Infection and Immunity</i> 55(1): 211-216, 1987.
X	BK	Tsang et al., "Structural Differences in the Outer Core Region of Lipopolysaccharides Derived from Members of the Genus <i>Salmonella</i> ," <i>Zbl. Bakt.</i> 276:330-339, 1992.

EXAMINER

John Weller

DATE CONSIDERED

9/4/03

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O P E R A T I O N S C O M M U N I C A T I O N		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 150026.457C1	APPLICATION NO. 10/091,877
MAY 13 2002		INFORMATION DISCLOSURE STATEMENT <i>(Use separate sheets if necessary)</i>		APPLICANTS Philip T. Feldsine et al.	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA						
	CB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	CC				
	CD				

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

W	CE	Tsang et al., "A Murine Monoclonal Antibody that Recognizes a Genus-Specific Epitope in the Salmonella Lipopolysaccharide Outer Core," <i>Zbl. Bakt.</i> 274: 446-455, 1991.
	CF	Tsang et al., "Lack of the α -1,2-linked N-acetyl-D-Glucosamine Epitope in the Outer Core Structures of Lipopolysaccharides from Certain O Serogroups and Subspecies of <i>Salmonella Enterica</i> ," <i>Res. Microbiol.</i> 142: 521-533, 1991.
	CG	Tsang et al., "Screening for <i>Salmonella</i> with a Murine Monoclonal Antibody M105 Detects both Felix O1 Bacteriophage Sensitive and Resistant <i>Salmonella</i> Strains," <i>Zbl. Bakt.</i> 286:23-32, 1997.
	CH	Tsang et al., "A Murine Monoclonal Antibody Specific for the Outer Core Oligosaccharide of <i>Salmonella</i> Lipopolysaccharide," <i>Infection and Immunity</i> 55(1): 211-216, 1987.
	CI	Tsang et al., "A Murine Monoclonal Antibody that Recognizes a Genus-Specific Epitope in the Salmonella Lipopolysaccharide Outer Core," <i>Zbl. Bakt.</i> 274: 446-455, 1991.
	CJ	Tsang et al., "Lack of the α -1,2-linked N-acetyl-D-Glucosamine Epitope in the Outer Core Structures of Lipopolysaccharides from Certain O Serogroups and Subspecies of <i>Salmonella Enterica</i> ," <i>Res. Microbiol.</i> 142: 521-533, 1991.
	CK	Tsang et al., "Screening for <i>Salmonella</i> with a Murine Monoclonal Antibody M105 Detects both Felix O1 Bacteriophage Sensitive and Resistant <i>Salmonella</i> Strains," <i>Zbl. Bakt.</i> 286:23-32, 1997.
W	CL	Tsang et al., "Characterization of murine monoclonal antibodies against serotype B salmonellae and application as serotyping reagents," <i>Journal of Clinical Microbiology</i> 29(9): 1899-1903, 1991.
	CM	

EXAMINER	<i>Mark Wink</i>	DATE CONSIDERED	<i>9/4/03</i>
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